

Listing of Claims:

1. (Withdrawn) A system for exchanging newly added information over the Internet, comprising:

a system database for storing queries used to retrieve information from the Internet pertaining to the stored queries, said queries being input by users of the system;

a search engine for providing additional queries based on information uploaded from other users;

an information exchange for receiving information obtained from at least one of information providers and the other user and for directing the received information to specific ones of the users based on the users queries; and

an indexing and counter module coupled to the information exchange for processing the received information and for providing data pertaining to the received information.

2. (Withdrawn) The system of claim 1, wherein web servers, news networks and publishers provide information changes from information providers to the information exchange over the Internet.

3. (Withdrawn) The system of claim 1, wherein the information exchange comprises:

a message logic flow module for determining at least a source, content, priority, size, relevance and uniqueness of content of the information;

a controller for verifying and handling communication and content delivery to the users;

a text search and parse engine for searching through the content;

a prioritization engine which uses the user queries stored in a query directory to rank the queries entered by the users of the system;

a message engine for packaging search results with specific ads stored in an ad registry;

an administration module for initiating ads or notifications to the users or subscribers; and

a billing and settlement database for providing user account information.

4. (Withdrawn) The system of claim 1, wherein information received over the Internet is based on at least one of queries or listing topics, time, relevance and queries that subscribers have placed within the system.

5. (Withdrawn) The system of claim 4, wherein subscribers who are interested in being informed about specific news or announcements and changes made by specific companies enter a website and request notifications to be sent to them in a specific format and to a specific device.

6. (Withdrawn) The system of claim 5, wherein the specific device is one of a computer, cell phone or PDA.

7. (Withdrawn) The system of claim 1, wherein the information exchange receives requests via brokers, aggregators or the search engines in data feeds.

8. (Withdrawn) The system of claim 1, wherein activity on the information exchange is initiated when new information is generated by publishers, news networks, web services or other information sources.

9. (Canceled) A computer-implemented method for exchanging newly added information over the Internet, comprising:

receiving by an information exchange new web-based content uploaded from information providers or administrators, the information exchange being configured for receiving web-based content from web-based network sources;

receiving and storing by the information exchange search queries as static queries in a system database, which are used for retrieving information pertaining to the static queries from the Internet, said static queries being input from users or subscribers to the information exchange;

monitoring at the information exchange to determine whether any new uploaded web-based content has been added to the information exchange by the information providers or the administrators;

determining at the information exchange whether any new uploaded web-based content is responsive to the static queries; and

when the new uploaded web-based content matches the static queries, sending, over the Internet, the matching web-based content to the users or subscribers who entered the static queries;

combining at the information exchange the static queries with other information provided by at least one of a device, computer, web service and search engine used; and

translating at the information exchange the static queries and said other information into a complex query based on at least one of a user's profile, other previously entered user information and a ranking of search results and events, wherein the other information comprises advertisements stored in an ad database.

10. (Canceled) The method of claim 9, wherein the information exchange receives queries via brokers or aggregators or search engines in data feeds.

11. (Canceled) The method of claim 10, wherein the queries are generated by an operating system or a specific application while a user operates a wireless device or a computer or each time a search is performed using a browser or the Internet.

12. (Canceled) The method of claim 9, further comprising the steps of:

determining whether a user wishes to be notified about new results related to the queries; and combining the queries with other information provided by at least one of a device, computer, web service and search engine used if the user wished to receive new results related to the queries.

13. (Canceled) The method of claim 12, wherein the other information comprises advertisements stored in an ad database.

14. (Canceled) The method of claim 9, wherein advertisers use a website and the system database to place bids and contract with the information exchange to deliver specific ads and information to targeted users or subscribers.

15. (Canceled) The method of claim 12, further comprising the steps of:

translating the combined queries and other information into a new query based on at least one of a profile of the user and a ranking of search results; and
entering the new query into the system database as static queries which are accessed by the information exchange.

16. (Canceled) The method of claim 9, further comprising the steps of:

continuing to monitor the uploaded data at the information exchange to determine whether new web-based content has been added to the information exchange by the information providers or the administrators.

17. (Canceled) The method claim 9, wherein said determining step includes the step of analyzing, text searching and prioritizing the matching web-based content prior to translating the matched web-based content into a web link in a message engine.

18. (Canceled) The method of claim 9, wherein said determining step includes the step of analyzing, text searching and prioritizing the matching web-based content prior to combining the matching web-based content with statistical or relevant data stored in an index and control module.

19. (Canceled) The method of claim 9, further comprising the step of:

attaching advertising or promotional information provided by third parties to the matching web-based content based on subscriber queries or a topic sent to a profile of the subscribers.

20. (Canceled) The method of claim 9, further comprising the step of: charging subscribers and third parties a fee at the information exchange for distributing information.

21. (Canceled) The method of claim 20, wherein the fee is based on at least one of an agreed amount, a transaction fee and a dynamic market in which advertisers bid for a right to be included first in notifications.

22. (Canceled) The method of claim 9, wherein the matching web-based content is sent to the user or subscriber who entered the static queries over the Internet to a device.

23. (Canceled) The method of claim 22, wherein the specific device is at least one of a computer, a cell phone and a PDA.

24. (Canceled) The method of claim 9, wherein the events includes at least one of news, key words and change in prices.

25. (New) A computer-implemented method for exchanging newly added information over the Internet, comprising the steps of:

receiving by an information exchange information uploaded from information sources, the information exchange being configured for receiving information and a user profile over the Internet, the user profile being provided by a user;

receiving and storing by the information exchange a search query as a query in a system database, which is used for retrieving the uploaded information pertaining to the query;

continually monitoring at the information exchange to determine whether any newly uploaded information has been added to the information exchange by the information sources;

determining at the information exchange whether the newly uploaded information from the information sources matches the query; and

upon receipt of the newly uploaded information by the information exchange that matches the query, sending, over the Internet, to the user a message relating to the matched newly uploaded information .

26. (New) The method of claim 25, further comprising the step of sending to the user the matched newly uploaded information based on the user's expressed interest in receiving the newly uploaded information.

27. (New) The method of claim 25, wherein the information exchange and the user are operatively connected via one of a computing device, server or web agent.

28. (New) The method of claim 25, wherein the user includes a subscriber.
29. (New) The method of claim 26, wherein the information exchange attaches to the matched newly uploaded information additional information including at least one of advertisement, competitive information, and complimentary information from third parties based on the query or the user profile.
30. (New) The method of claim 29, wherein the additional information includes a link to a file or the file for display on a device of the user.
31. (New) The method of claim 25, wherein when the new uploaded information matches the query, the information exchange activates one of web services, custom application, and notifications.
32. (New) The method of claim 25, wherein the information exchange indexes and ranks the uploaded information received from the information sources.
33. (New) The method of claim 25, wherein the information exchange aggregates two or more users into one or more interest groups, customer profiles and spending levels so as to allow selective notification and pricing of information to said users.
34. (New) The method of claim 33, further comprises a search engine linked to the information exchange to provide additional query results based on information uploaded from other users.

35. (New) The method of claim 25, wherein the information exchange creates an internal link and tagging system for all information processed through the information exchange and ranks it by priority and relevance so that a data tree on any topic is created and is accessible by the user.

36. (New) The method of claim 25, wherein the query is combined with information provided by the user's computing device, web service, or the search engine used including advertisements stored in an ad database.

37. (New) The method of claim 25, wherein the information exchange synchronizes the user's storage device so that the user is continuously provided with the newly updated information.

38. (New) The method of claim 25, wherein the information exchange receives a list of the newly updated information or changes to the uploaded information.

39. (New) The method of claim 38, wherein the list of the newly updated information or changes may be organized under standard NAICS/SIC codes or use XML headers for classifications to facilitate matching of the newly uploaded information to the query.

40. (New) The method of claim 25, wherein the uploaded information is received by a message logic flow module of the information exchange, which determines the source, content, priority, size, relevance and uniqueness of the uploaded information.

41. (New) The method of claim 25, wherein the information exchange validates the user and controls content delivery to the user and administering user preferences and rights to access the uploaded information using a controller.

42. (New) The method of claim 25, wherein the information exchange, using a text search and parse engine, conducts searches against a text index and database search entries in an index and counter module.

43. (New) The method of claim 42, wherein results of the searches are provided to a prioritization engine which uses the query stored in a query directory of an exchange database to rank the results of the searches based on rankings stored in a ranking directory.

44. (New) The method of claim 43, wherein the prioritization engine forwards the results of the searches to a message engine which packages the search results with advertisements stored in an ad registry of the exchange database to a predetermined destination.

45. (New) The method of claim 44, wherein the predetermined destination includes an internal web-log, external email, web agents, communication devices and/or servers.

46. (New) The method of claim 45, wherein the advertisements are embedded with codes including at least one of complex tags, links and triggers for measuring conversion rates and cost per new order.

47. (New) The method of claim 27, further combining the query with information provided by the user's computing device, web service, or search engine used and translating the query into a complex query based on at least one of the user profile, other previously entered user information and a ranking of search results for access by the information exchange.

48. (New) The method of claim 25, wherein the information source includes another user.

49. (New) The method of claim 25, wherein the message includes at least one of an alert, a URL link, and a data file.

50. (New) The method of claim 25, wherein the query is a static query.